Canon Polaroid Back Unit

CF-PB

One Optional Accessory of
60° Zoom Fundus Camera CF-60ZA

Operation Manual

CONTENTS

1. Introduction 1
2. Specifications 2
3. Composition 2
4. Nomenclature 3
5. Mounting CF-PB to CF-60ZA 4
6. Photography 6
7. After-Photography Care 8

01080
EOMSPB-75011-UL

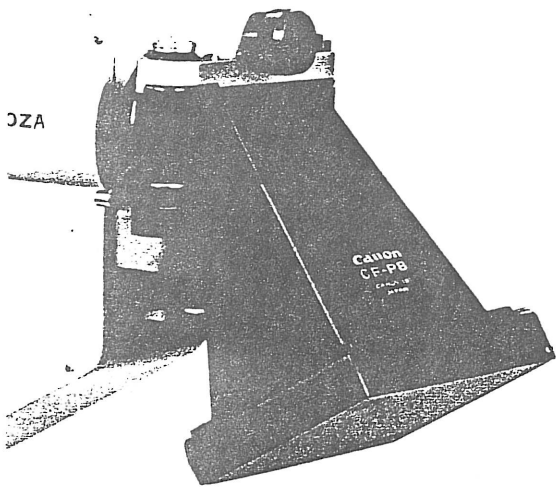
1. Introduction

The Canon CF-PB performs Polaroid black-and-white photography in combination with Canon 60° Zoom Fundus Camera CF-60ZA.

The back cover of the 35mm photographic camera standard on CF-60ZA is removed and CF-PB is installed in its place to produce an easily diagnosable and clear image of the eye fundus with dimensions of ø83mm x 62mm on a sheet of Polaroid black-and-white film. This back unit is used only when the picture angle of the CF-60ZA is set at 60 degrees.

The unit uses Polaroid Type 107 or 667 Film Pack (black-and-white film). It is not advisable to take photos in color with this unit since available light is too weak for proper color exposure. If color photos are to be taken, use the Polaroid Back Unit CF-PC, optionally available.

* "Polaroid" is a registered trademark of Polaroid Corporation, Cambridge, Mass., U.S.A.



Canon CF-PB

2. Specifications

Application:	Polaroid black-and-white photography
Film used:	Polaroid Type 107 or 667 Film Pack
Frames per film sheet:	One frame per sheet
Image size:	ø83mm(W) x 62mm(H)
Dimensions:	167mm(W) x 191mm(D) x 158mm(H)
Weight:	580gr.

3. Composition

CF-PB 1

Lens cover 1

4. Nomenclature

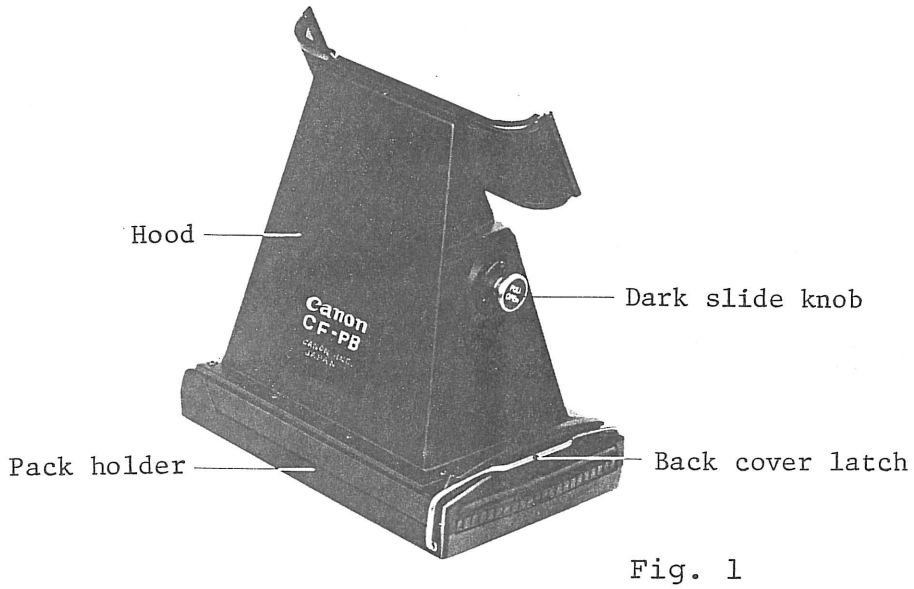


Fig. 1

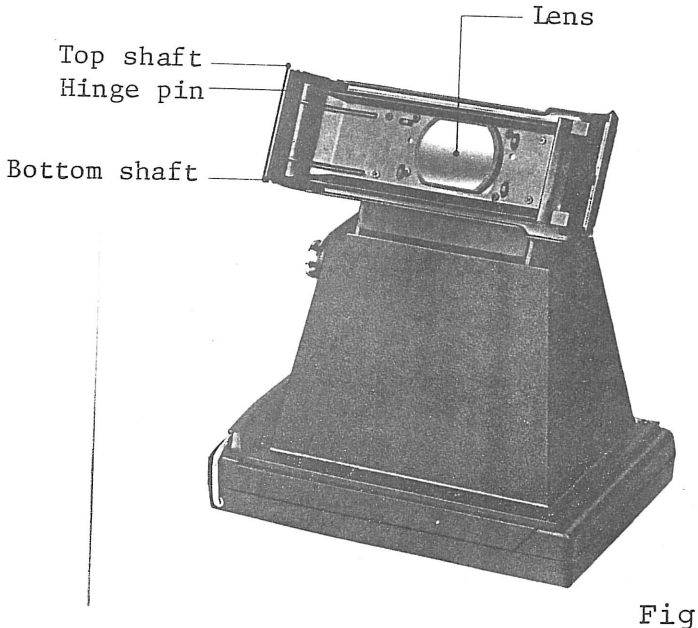


Fig. 2

5. Mounting CF-PB to CF-60ZA

1. Check that the photographic camera is not loaded with film. If its film rewind knob does not turn smoothly clockwise, the photographic camera is loaded with film. If so, unload it according to Film Rewinding in 9-5, CF-60ZA Operation Manual. (Fig. 3)

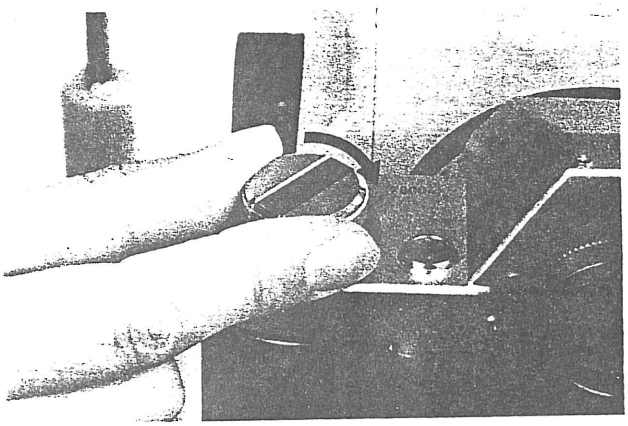


Fig.3

2. Fully open the photographic camera back cover. (Consult the CF-60ZA Operation Manual.)
3. Remove the back cover of the photographic camera by pressing the hinge pin downward. (Fig. 4)

   CAUTION: Do not leave the photographic camera for hours with back cover removed. If so, dust may settle on it.

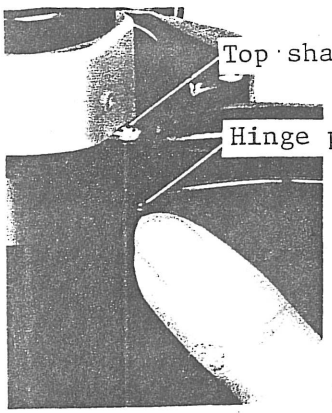


Fig. 4

4. Remove the lens cover of the Polaroid back unit. A contrast filter is built-in on the back side of this lens. Next put the hinge bottom shaft in the shaft hole of the photographic camera. Put the top shaft in the other shaft hole while pressing the hinge pin downward. (Fig. 5)

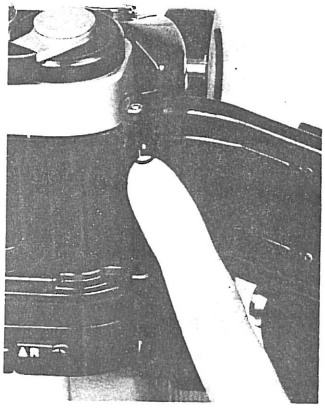


Fig. 5

5. Press the entire Polaroid back unit up against the photographic camera until a click is heard. (Fig. 6)

   NOTE: Hold the Polaroid back unit with one hand to protect the hinge in steps 4 and 5.

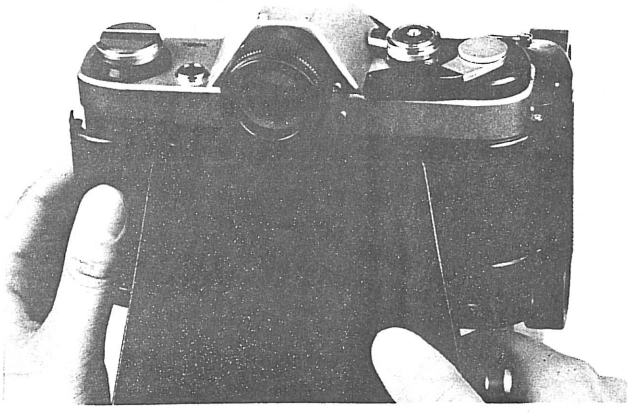


Fig. 6

6. To dismount the Polaroid Back unit from the photographic camera, follow step 3.

Film Loading

Only Polaroid Type 107 or 667 black-and-white film is compatible with this back unit. For film loading, development and other handling instructions, refer to "How to Use the Polaroid Land Pack Film Holder #405", provided at the end of this manual.

Be very careful not to apply any excessive force to the back unit hinge when loading film.

6. Photography

1. Turn on the main switch of the power control unit. (The switch is turned on by pressing it on the I side.)
2. Set the illumination intensity control knob to 3. (Fig. 7)

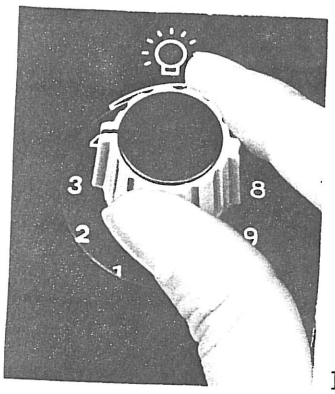


Fig. 7

3. Press flash intensity selector switch 4. (Fig. 8)

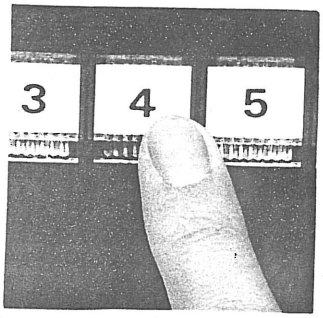


Fig. 8

4. Pull the dark slide knob located on the side of the back unit and marked PULL OPEN out all the way. (Fig. 9)

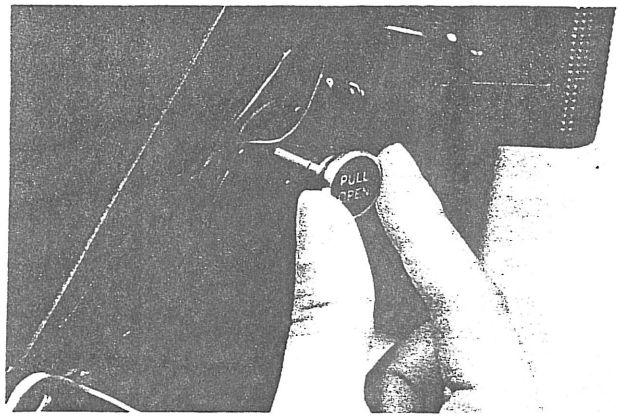
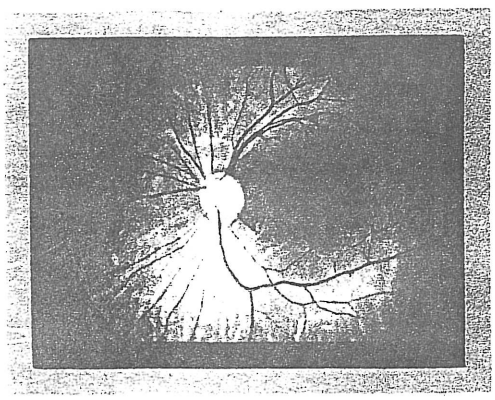


Fig. 9

5. Photograph according to the instructions set forth in 9-1,4 and later in Chapter 9 of the CF-60ZA Operation Manual.

   NOTE: Hold the Polaroid back unit with one hand so as not to apply any excessive force to the hinge when pulling the film out from the holder.

6. The Polaroid back unit produces a picture as shown in figure 10. Data is not printable on the film at the same time as it is exposed. It should be written in the margin or on the back of the picture after photography.



Film size: 85mm x 108mm
Exposed area: 72mm x 95mm
Image size: ϕ83mm x 62mm

Fig. 10

7. After-Photography Care

1. Handle the Polaroid back unit lens just as carefully as the objective lens of CF-60ZA. Always replace the lens cover when the back unit is dismounted from CF-60ZA.
2. When storing the back unit by itself place it in the vinyl bag or the cardboard box in which it was delivered so that its mount is not deformed nor its hinge damaged.

Canon Optical Products Export Dept.
Canon Inc.
53 Imaikami-machi, Nakahara-ku,
Kawasaki 211 Japan